

Paul MacArtain

List of Publications by Year in descending order

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16
papers

1,074
citations

1162367

8
h-index

1125271

13
g-index

16
all docs

16
docs citations

16
times ranked

1405
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutritional Value of Edible Seaweeds. Nutrition Reviews, 0, 65, 535-543.	2.6	652
2	Nutritional Value of Edible Seaweeds. Nutrition Reviews, 2007, 65, 535-543.	2.6	176
3	Physical characteristics of calcium induced $\hat{\Gamma}^-$ carrageenan networks. Carbohydrate Polymers, 2003, 53, 395-400.	5.1	100
4	Correlation of the Adhesive Properties of Cells to N-Isopropylacrylamide/N-tert-Butylacrylamide Copolymer Surfaces with Changes in Surface Structure Using Contact Angle Measurements, Molecular Simulations, and Raman Spectroscopy. Chemistry of Materials, 2005, 17, 3889-3898.	3.2	46
5	Assessing the benefits of decentralised residential batteries for load peak shaving. Journal of Energy Storage, 2020, 32, 101779.	3.9	28
6	Observed site obstacle impacts on the energy performance of a large scale urban wind turbine using an electrical energy rose. Energy for Sustainable Development, 2018, 43, 23-37.	2.0	19
7	The Role of Domestic Integrated Battery Energy Storage Systems for Electricity Network Performance Enhancement. Energies, 2019, 12, 3954.	1.6	15
8	An assessment of the mesoscale to microscale influences on wind turbine energy performance at a peri-urban coastal location from the Irish wind atlas and onsite LiDAR measurements. Sustainable Energy Technologies and Assessments, 2019, 36, 100537.	1.7	13
9	Economic assessment of high renewable energy penetration scenario in 2030 on the interconnected Irish power system. Energy Policy, 2020, 145, 111774.	4.2	9
10	Measured wind and morphological characteristics of a peri-urban environment and their impact on the performance of an operational large-scale wind turbine. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 212, 104592.	1.7	7
11	Electricity autoproduction, storage and billing: A case study at Dundalk Institute of Technology, Ireland. Sustainable Energy Technologies and Assessments, 2019, 35, 257-264.	1.7	4
12	A comparison of four microscale wind flow models in predicting the real-world performance of a large-scale peri-urban wind turbine, using onsite LiDAR wind measurements. Sustainable Energy Technologies and Assessments, 2021, 46, 101323.	1.7	3
13	Comparing the anaerobic digestion of <i>Ascophyllum nodosum</i> , the organic fraction of municipal solid waste and white rice in batch reactors. International Journal of Ambient Energy, 2015, 36, 262-265.	1.4	1
14	Increased Benefit Of ZnBr Flow Battery With 33kWp PV System And Smart Tariff Structure. Energy Procedia, 2018, 155, 514-523.	1.8	1
15	Technical Note: Blade Integrated Overspeed Protection for Small Turbines – Experimental Observations. Wind Engineering, 2014, 38, 117-120.	1.1	0
16	Domestic Demand-Side Response: The Challenge for Heat Pumps in a Future UK – Decarbonised Heating Market. Innovative Renewable Energy, 2020, , 735-745.	0.2	0